

In re Appln. of Jobst LAHR SOW
Appln. No. 10/576,151
Supplemental Amend. dated
January 12, 2010

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

Claims 1-10 (**Cancelled**).

11. (**Currently Amended**) A method of producing a chewable mass for remineralization of tooth enamel, comprising:

- preparing an aqueous solution of at least one acidifying agent that is suitable as a foodstuff;
- adding a reactive calcium source to said aqueous solution;
- adding the solution to a thickener, wherein said thickener is gelatin,
- wherein phosphoric acid is added during at least one of said preparing and adding;
- thoroughly mixing all components to form a mass;
- shaping said mass; and
- drying the mass,

~~wherein the mass comprises a calcium content of between 50 and 150 mMol/kg and a phosphoric acid content of between 15 and 500 mMol/kg, wherein the mass comprises a calcium content of~~

between 50 and 150 mMol/kg and a phosphoric acid content of between 15 and 500 mMol/kg.

Claim 12 (Cancelled).

13. (Previously Presented) A method according to claim 11, which includes mixing various acidifying agents as a reactant for said preparing step.

14. (Previously Presented) A method according to claim 11, wherein said at least one acidifying agent comprises at least one of the group consisting of carboxylic acids and fruit acids.

15. (Previously Presented) A method according to claim 14, wherein said carboxylic acids include lactic acid.

16. (Previously Presented) A method according to claim 14, wherein said fruit acids include pyruvic acid, citric acid and malic acid.

17. (Previously Presented) A method according to claim 11, wherein said aqueous solution of said preparing step contains a first calcium-complexing acid, and wherein a further

calcium-complexing acid is added to such aqueous solution that is more powerful than is said first calcium-complexing acid.

18. **(Previously Presented)** A method according to claim 17, wherein said further calcium-complexing acid is at least one of malic acid and citric acid, and wherein said first calcium-complexing acid is pyruvic acid.

19. **(Previously Presented)** A method according to claim 11, wherein said calcium source is at least one of the group consisting of calcium oxide, calcium hydroxide and calcium carbonate.

20. **(Previously Presented)** A chewable mass produced by the method of claim 11.

Claims 21-23 **(Cancelled)**.

24. **(Previously Presented)** A method according to claim 11, wherein the chewable mass is transparent and homogeneous.

25. **(Previously Presented)** A method according to claim 11, wherein the chewable mass is fruit gum.

26. **(Previously Presented)** A method of producing a chewable mass for remineralization of tooth enamel, comprising:

preparing an aqueous solution of at least one acidifying agent that is suitable as a foodstuff,

wherein said aqueous solution of said preparing step contains a first calcium-complexing acid, and

wherein a further calcium-complexing acid is added to such aqueous solution that is more powerful than is said first calcium-complexing acid;

adding a reactive calcium source to said aqueous solution;

adding the solution to a thickener, wherein said thickener is gelatin,

wherein phosphoric acid is added during at least one of said preparing and adding steps;

thoroughly mixing all components to form a mass;

shaping said mass; and

drying the mass,

wherein the mass comprises a calcium content of between 50 and 150 mMol/kg and a phosphoric acid content of between 15 and 500 mMol/kg.

27. **(Previously Presented)** A method according to claim 26, which includes mixing various acidifying agents as a reactant for said preparing step.

28. **(Previously Presented)** A method according to claim 26, wherein said at least one acidifying agent comprises at least one of the group consisting of carboxylic acids and fruit acids.

29. **(Previously Presented)** A method according to claim 28, wherein said carboxylic acids include lactic acid.

30. **(Previously Presented)** A method according to claim 28, wherein said fruit acids include pyruvic acid, citric acid and malic acid.

31. **(Previously Presented)** A method according to claim 26, wherein said further calcium-complexing acid is at least one of malic acid and citric acid, and wherein said first calcium-complexing acid is pyruvic acid.

32. **(Previously Presented)** A method according to claim 26, wherein said calcium source is at least one of the

group consisting of calcium oxide, calcium hydroxide and calcium carbonate.

33. (Previously Presented) A chewable mass produced by the method of claim 26.

34. (Previously Presented) A method according to claim 26, wherein the chewable mass is transparent and homogeneous.

35. (Previously Presented) A method according to claim 26, wherein the chewable mass is fruit gum.